

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for dehydrating a biological tissues tissue for producing preserved transplants, ~~wherein, in a first step, comprising the steps of:~~

(a) dehydrating the tissue is dehydrated to a water content in the ~~region from range of~~ 10 weight percent to 25 weight percent by subjecting the tissue to an extraction with an organic solvent which can be mixed with water; and, ~~in a second step,~~

(b) dehydrating the tissue is further dehydrated by freeze drying.

2. (Currently Amended) A method in accordance with claim 1, wherein, ~~in the first step, dehydration is carried out with said organic solvent is selected from the group consisting of:~~ methanol, ethanol, propanol, isopropanol, acetone, methyl ethyl ketone ~~or their~~ and mixtures thereof.

3. (Currently Amended) A method in accordance with claim 1, wherein, ~~in the first step, dehydration is carried out the tissue is dehydrated in step (a)~~ at a temperature from 0°C to 70°C.

4. (Currently Amended) A method in accordance with claim 1, wherein further comprising the step of subjecting the tissue is subjected to a vacuum treatment before ~~the second step (b).~~

5. (Currently Amended) A method in accordance with claim 1, ~~wherein, in the first step, further comprising the step of subjecting the tissue is subjected to a vacuum treatment before the first extraction step (a) and after every extraction step (a) with the organic solvent.~~

6. (Currently Amended) A method in accordance with claim 1, ~~wherein, in the first step, the tissue is subjected to a treatment with ultrasound, with a vibrator or with a shaker during the extraction with the organic solvent in step (a).~~

7. (Currently Amended) A method in accordance with claim 1, ~~wherein, in the first step, an overpressure, an alternating pressure or an underpressure is applied during the extraction with the organic solvent in step (a).~~